

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042925\
 Data File : VX045977.D
 Acq On : 29 Apr 2025 13:12
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Apr 30 01:38:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

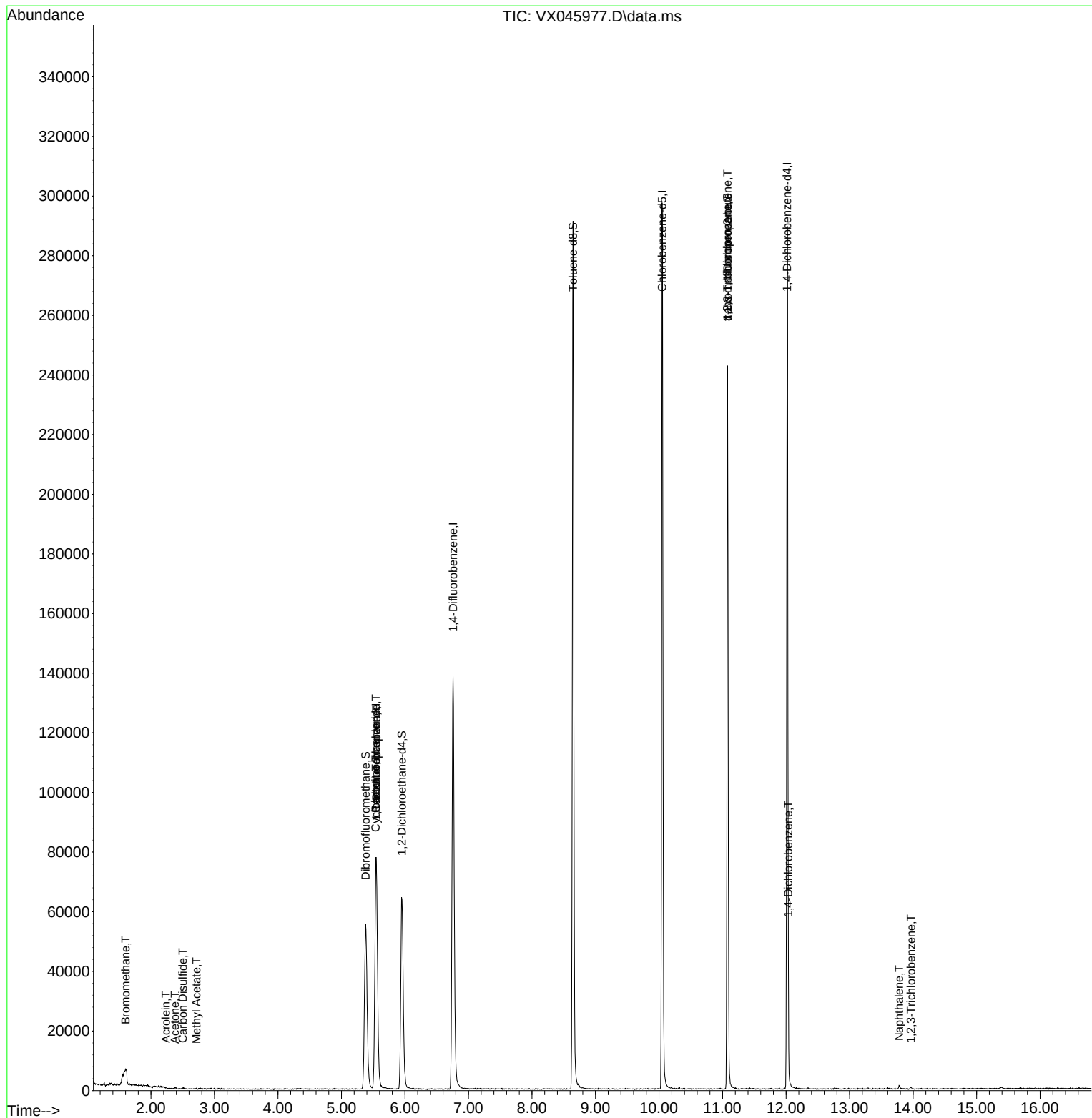
Internal Standards						
1) Pentafluorobenzene	5.544	168	66370	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	132077	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	124629	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	52756	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66614	54.884	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.760%	
35) Dibromofluoromethane	5.379	113	47722	50.926	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.860%	
50) Toluene-d8	8.647	98	165446	50.583	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.160%	
62) 4-Bromofluorobenzene	11.079	95	63597	53.380	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 106.760%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	112	0.253	ug/l #	67
13) Acrolein	2.233	56	67	0.298	ug/l #	15
16) Acetone	2.380	43	337	0.676	ug/l #	47
17) Carbon Disulfide	2.501	76	564	0.287	ug/l #	76
18) Methyl Acetate	2.715	43	264	0.230	ug/l #	54
31) Cyclohexane	5.537	56	2131	1.431	ug/l #	44
36) 1,1-Dichloropropene	5.550	75	6800	5.374	ug/l #	50
38) Carbon Tetrachloride	5.544	117	7955	5.817	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	36469	28.340	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	36469	96.182	ug/l #	1
88) 1,4-Dichlorobenzene	12.036	146	379	0.210	ug/l #	59
95) Naphthalene	13.780	128	1421	0.388	ug/l #	93
96) 1,2,3-Trichlorobenzene	13.969	180	284	0.276	ug/l	91

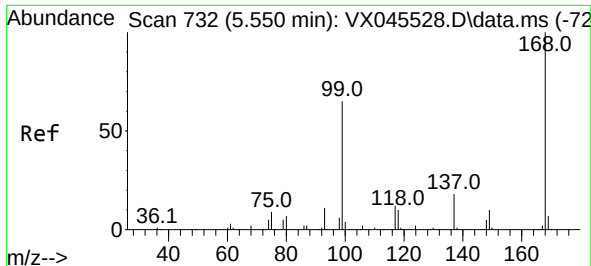
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042925\
Data File : VX045977.D
Acq On : 29 Apr 2025 13:12
Operator : JC/MD
Sample : IBLK
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Quant Time: Apr 30 01:38:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

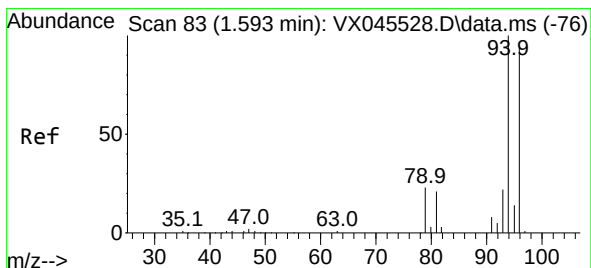
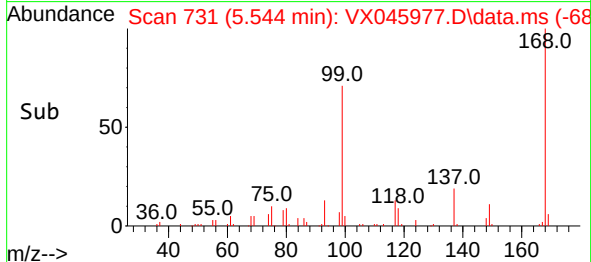
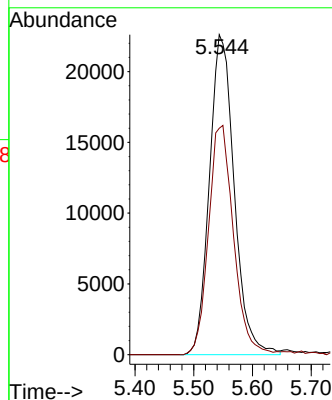
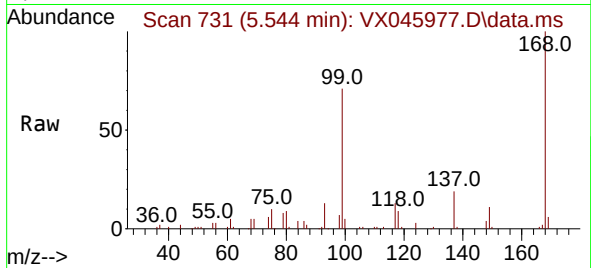




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045977.D
Acq: 29 Apr 2025 13:12

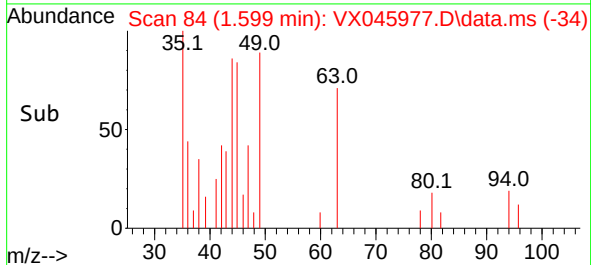
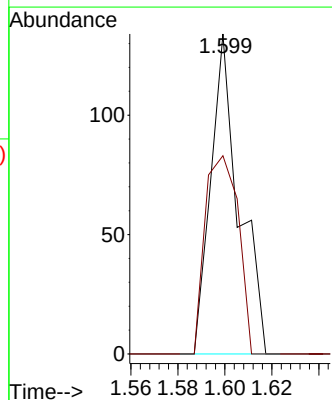
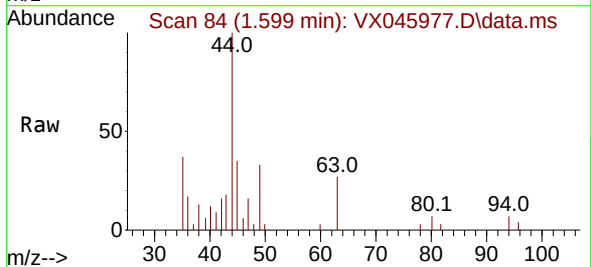
Instrument :
MSVOA_X
ClientSampleId :
IBLK

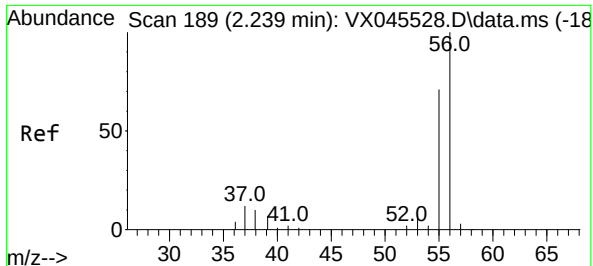
Tgt Ion:168 Resp: 66370
Ion Ratio Lower Upper
168 100
99 70.8 52.3 78.5



#5
Bromomethane
Concen: 0.253 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX045977.D
Acq: 29 Apr 2025 13:12

Tgt Ion: 94 Resp: 112
Ion Ratio Lower Upper
94 100
96 61.9 74.8 112.2#

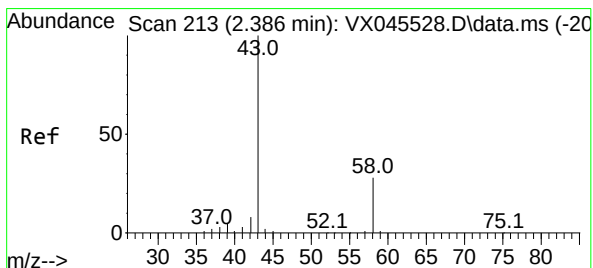
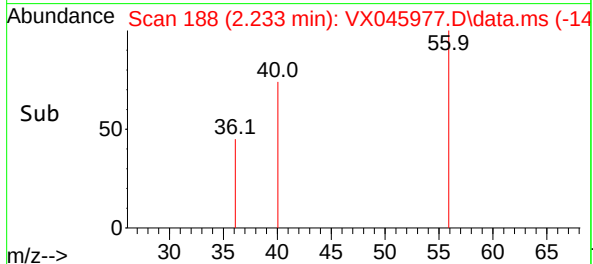
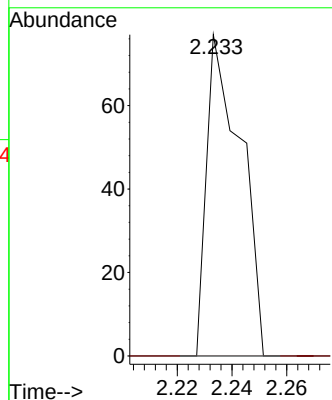
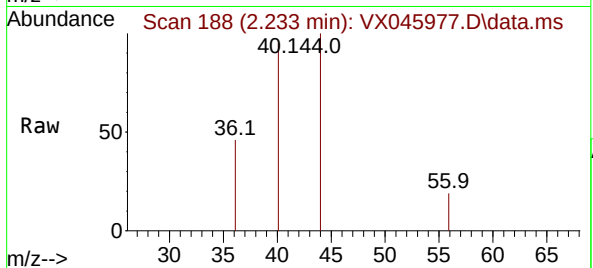




#13
Acrolein
Concen: 0.298 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX045977.D
Acq: 29 Apr 2025 13:12

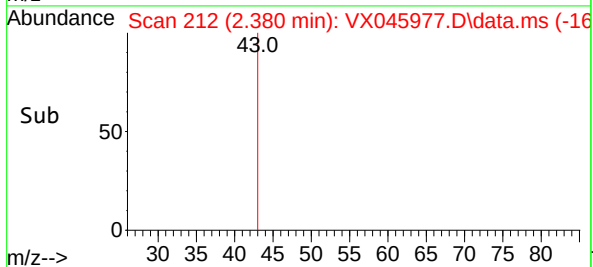
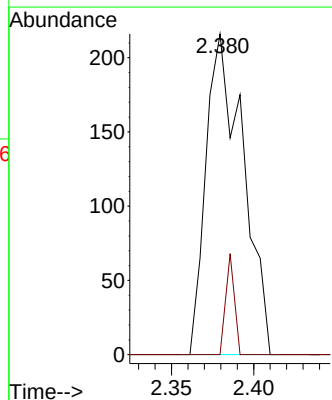
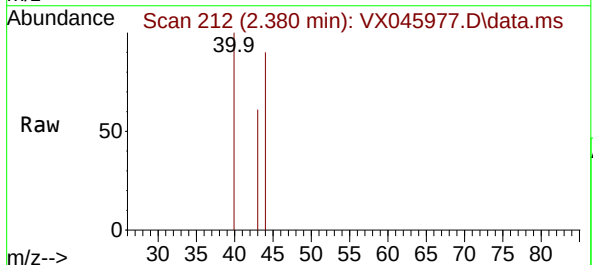
Instrument :
MSVOA_X
ClientSampleId :
IBLK

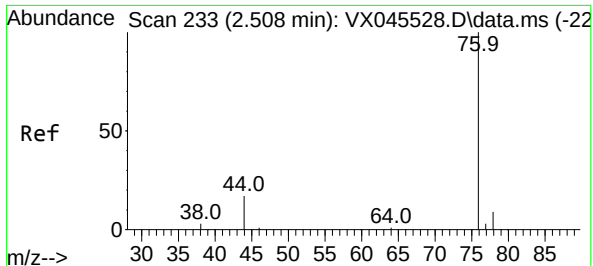
Tgt Ion: 56 Resp: 67
Ion Ratio Lower Upper
56 100
55 0.0 56.2 84.2#



#16
Acetone
Concen: 0.676 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045977.D
Acq: 29 Apr 2025 13:12

Tgt Ion: 43 Resp: 337
Ion Ratio Lower Upper
43 100
58 0.0 22.3 33.5#





#17

Carbon Disulfide

Concen: 0.287 ug/l

RT: 2.501 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX045977.D

Acq: 29 Apr 2025 13:12

Instrument :

MSVOA_X

ClientSampleId :

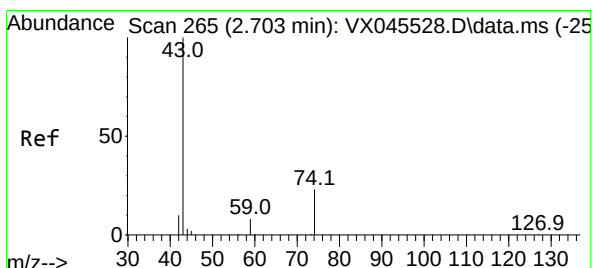
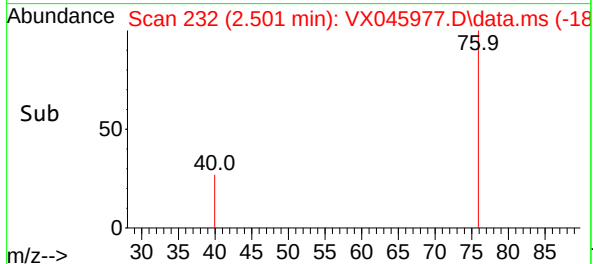
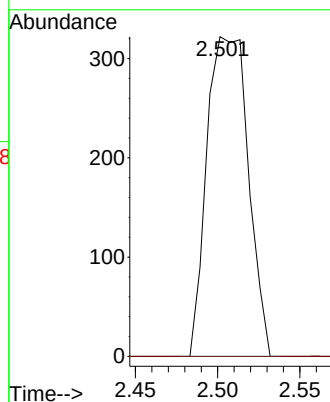
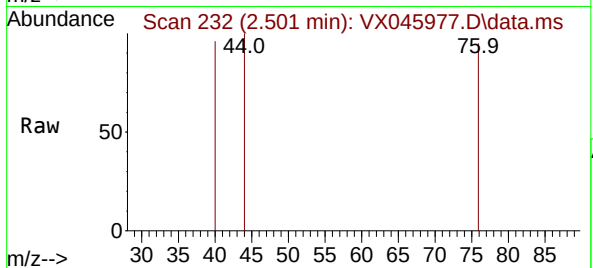
IBLK

Tgt Ion: 76 Resp: 564

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#



#18

Methyl Acetate

Concen: 0.230 ug/l

RT: 2.715 min Scan# 267

Delta R.T. 0.012 min

Lab File: VX045977.D

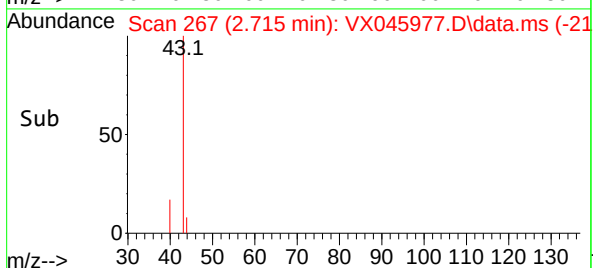
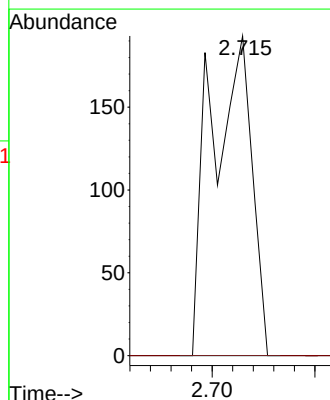
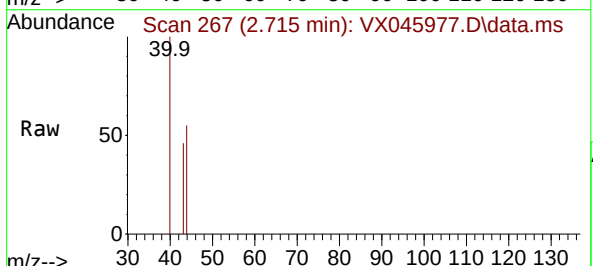
Acq: 29 Apr 2025 13:12

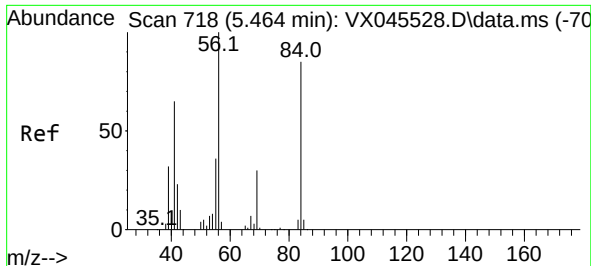
Tgt Ion: 43 Resp: 264

Ion Ratio Lower Upper

43 100

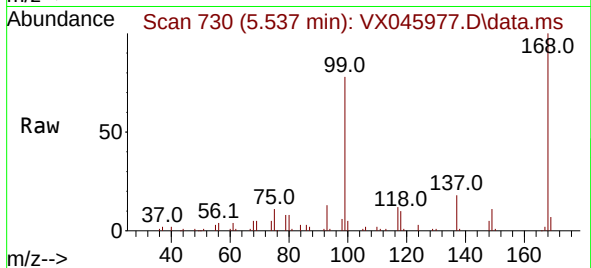
74 0.0 17.5 26.3#



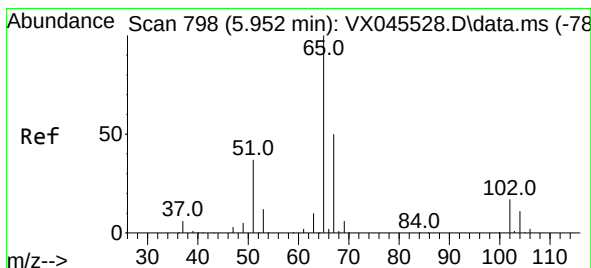
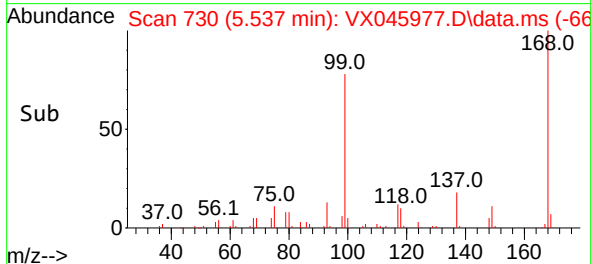
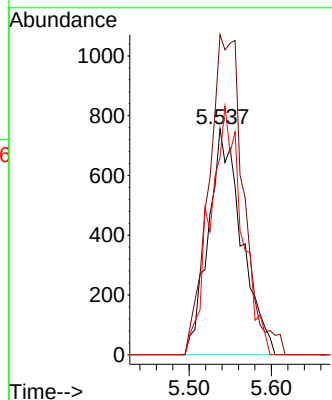


#31
Cyclohexane
Concen: 1.431 ug/l
RT: 5.537 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX045977.D
Acq: 29 Apr 2025 13:12

Instrument :
MSVOA_X
ClientSampleId :
IBLK

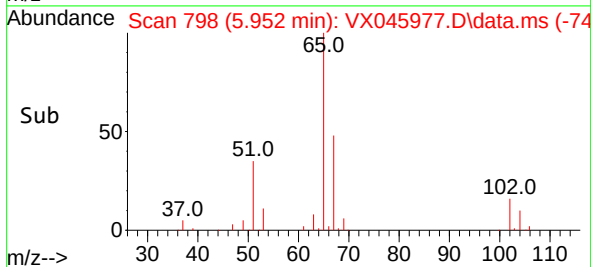
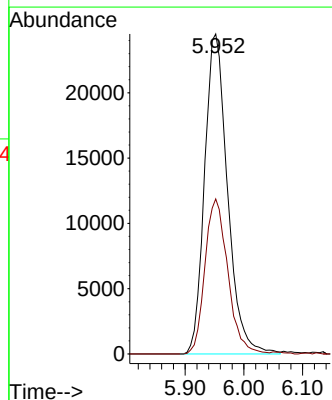
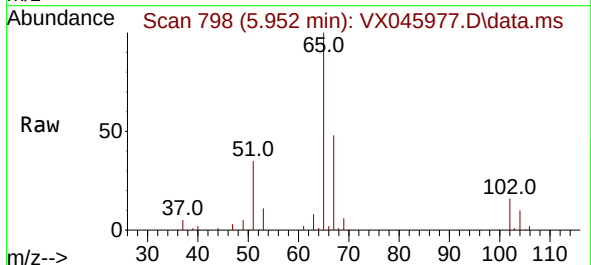


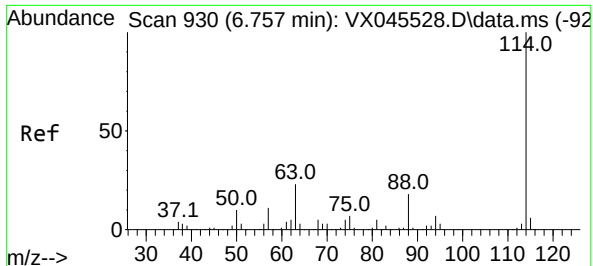
Tgt Ion: 56 Resp: 2131
Ion Ratio Lower Upper
56 100
69 141.7 23.6 35.4#
84 87.4 67.7 101.5



#33
1,2-Dichloroethane-d4
Concen: 54.884 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045977.D
Acq: 29 Apr 2025 13:12

Tgt Ion: 65 Resp: 66614
Ion Ratio Lower Upper
65 100
67 48.2 0.0 99.0

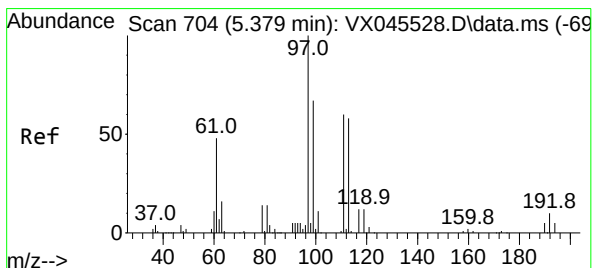
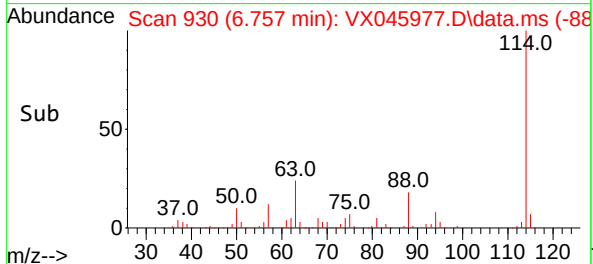
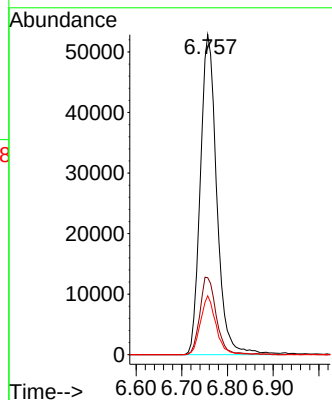
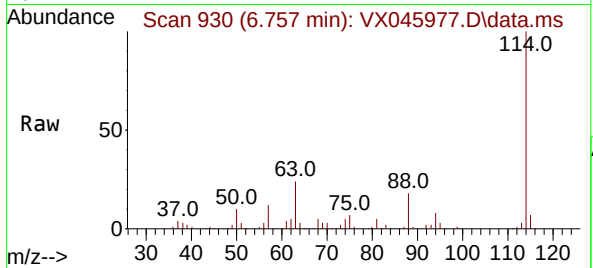




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045977.D
Acq: 29 Apr 2025 13:12

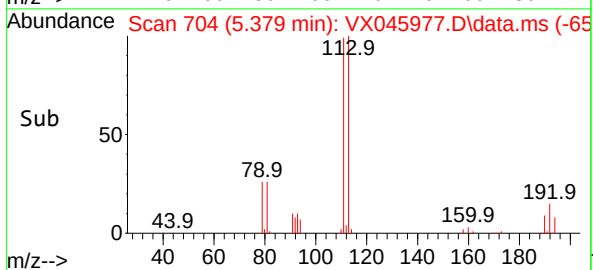
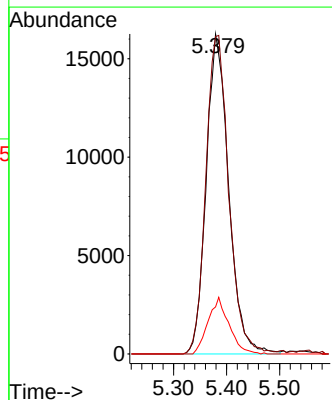
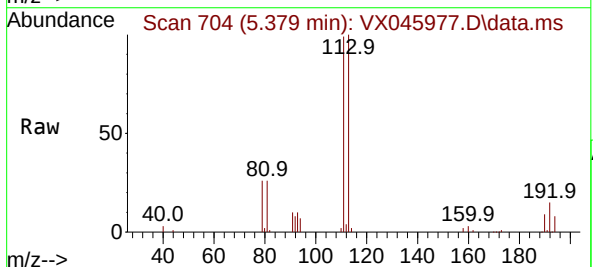
Instrument :
MSVOA_X
ClientSampleId :
IBLK

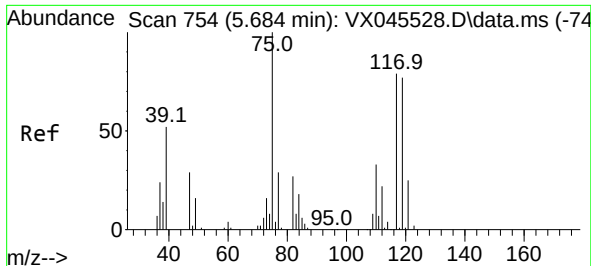
Tgt Ion:114 Resp: 132077
Ion Ratio Lower Upper
114 100
63 24.1 0.0 46.8
88 18.4 0.0 35.4



#35
Dibromofluoromethane
Concen: 50.926 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045977.D
Acq: 29 Apr 2025 13:12

Tgt Ion:113 Resp: 47722
Ion Ratio Lower Upper
113 100
111 101.8 81.8 122.6
192 16.6 13.8 20.6

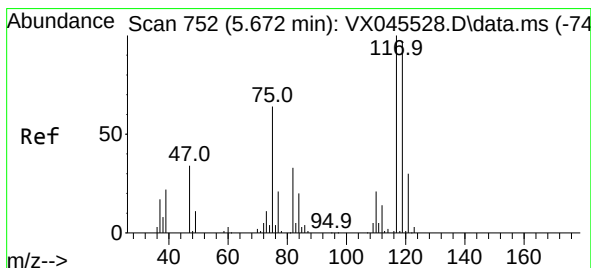
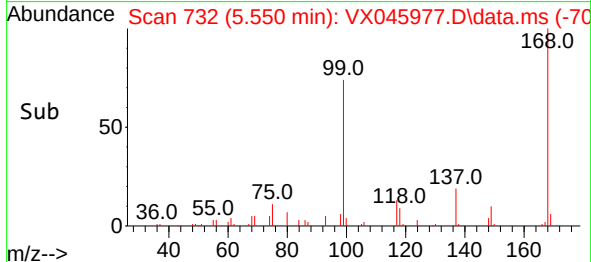
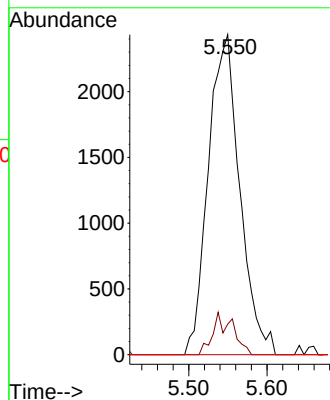
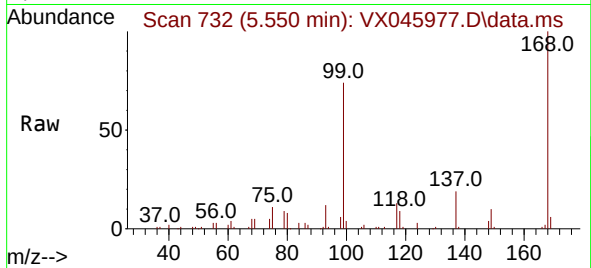




#36
 1,1-Dichloropropene
 Concen: 5.374 ug/l
 RT: 5.550 min Scan# 711
 Delta R.T. -0.134 min
 Lab File: VX045977.D
 Acq: 29 Apr 2025 13:12

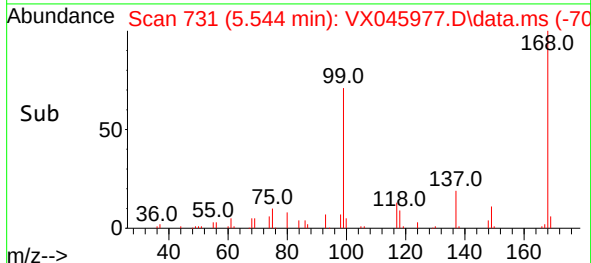
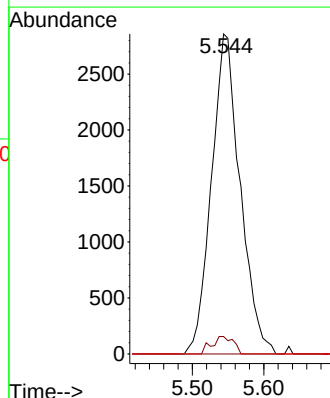
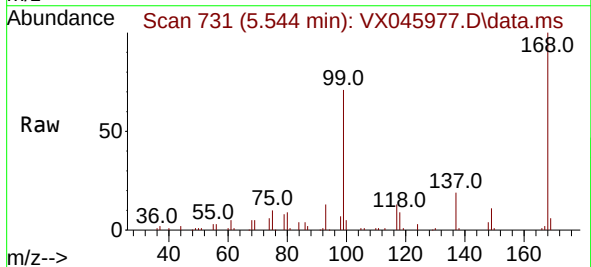
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

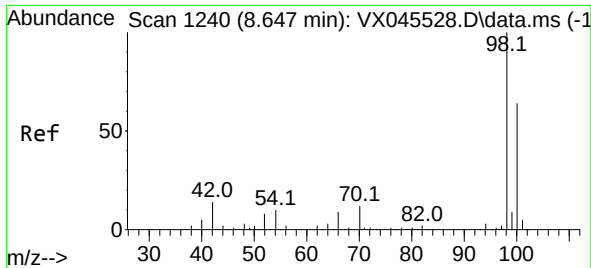
Tgt Ion: 75 Resp: 6800
 Ion Ratio Lower Upper
 75 100
 110 8.4 16.9 50.6#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 5.817 ug/l
 RT: 5.544 min Scan# 731
 Delta R.T. -0.128 min
 Lab File: VX045977.D
 Acq: 29 Apr 2025 13:12

Tgt Ion: 117 Resp: 7955
 Ion Ratio Lower Upper
 117 100
 119 5.5 76.9 115.3#
 121 0.0 24.2 36.2#

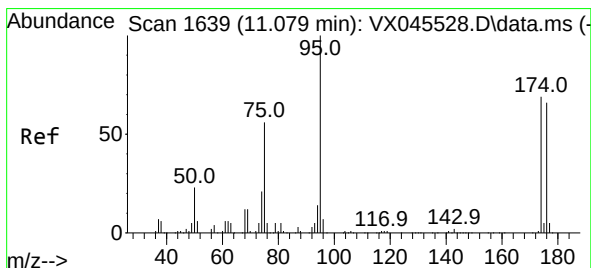
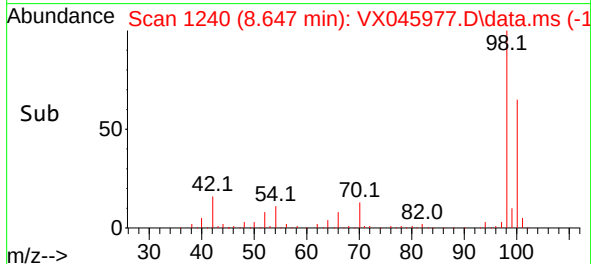
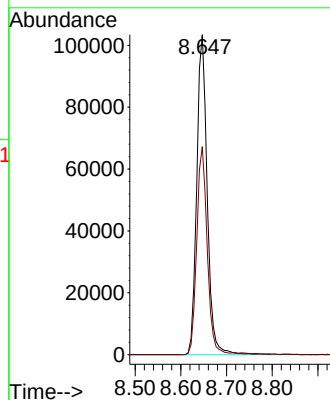
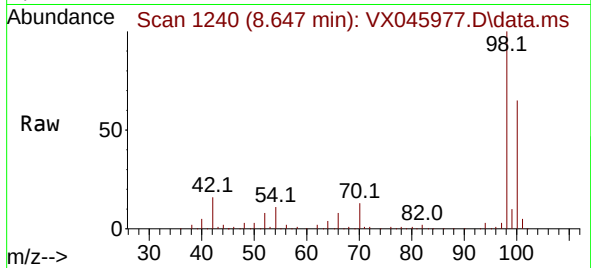




#50
Toluene-d8
Concen: 50.583 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045977.D
Acq: 29 Apr 2025 13:12

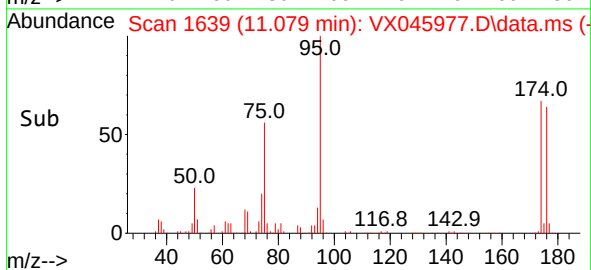
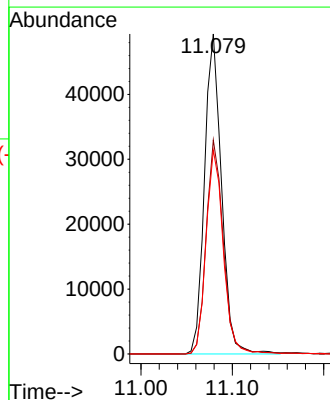
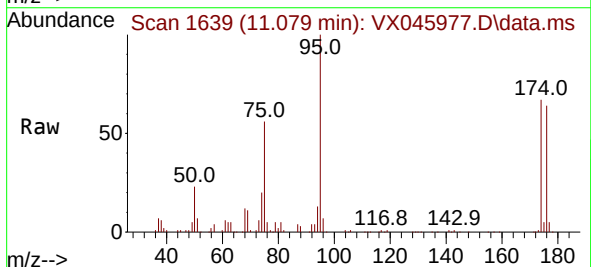
Instrument :
MSVOA_X
ClientSampleId :
IBLK

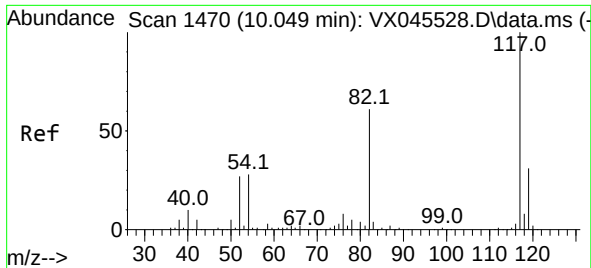
Tgt Ion: 98 Resp: 165446
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 53.380 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045977.D
Acq: 29 Apr 2025 13:12

Tgt Ion: 95 Resp: 63597
Ion Ratio Lower Upper
95 100
174 67.2 0.0 135.8
176 64.4 0.0 131.4

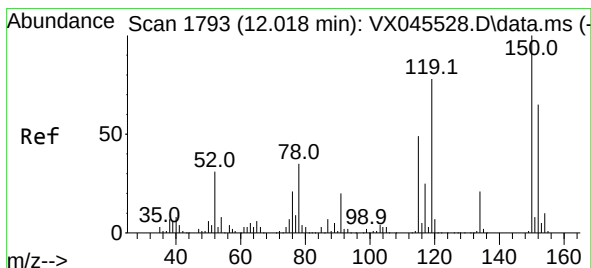
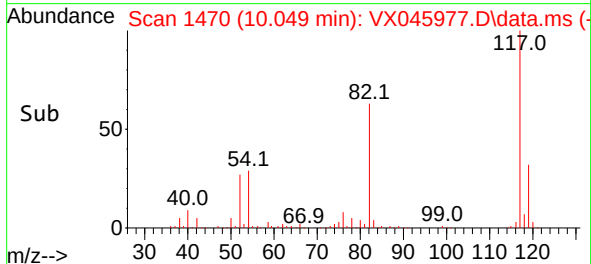
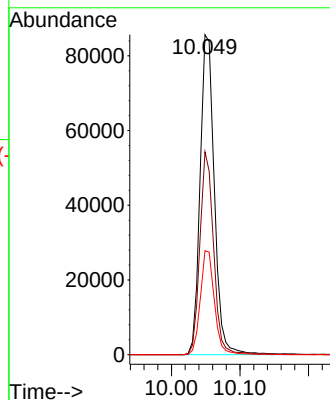
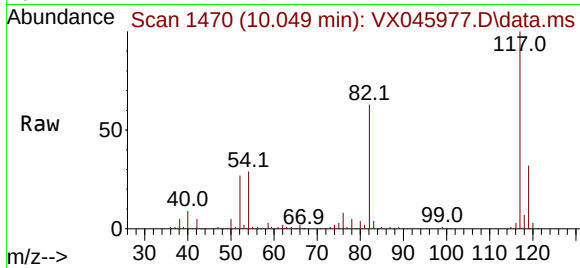




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045977.D
Acq: 29 Apr 2025 13:12

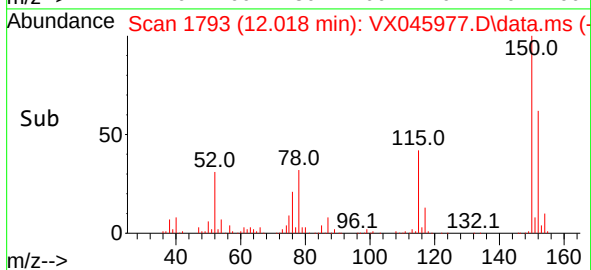
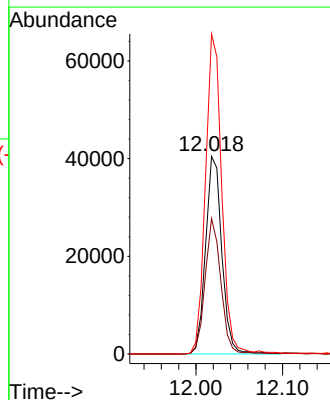
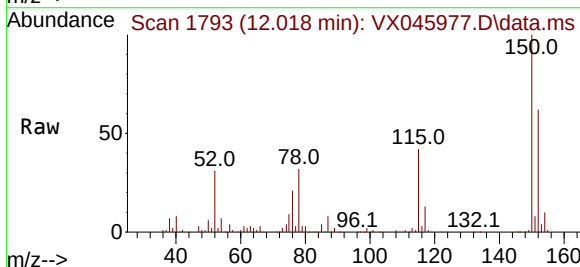
Instrument :
MSVOA_X
ClientSampleId :
IBLK

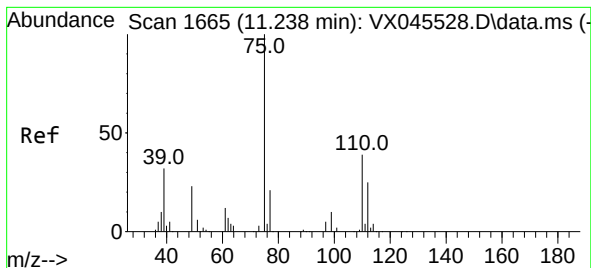
Tgt Ion:117 Resp: 124629
Ion Ratio Lower Upper
117 100
82 63.4 49.2 73.8
119 32.5 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045977.D
Acq: 29 Apr 2025 13:12

Tgt Ion:152 Resp: 52756
Ion Ratio Lower Upper
152 100
115 66.4 46.9 140.7
150 162.3 0.0 349.4





#76

1,2,3-Trichloropropane

Concen: 28.340 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX045977.D

Acq: 29 Apr 2025 13:12

Instrument :

MSVOA_X

ClientSampleId :

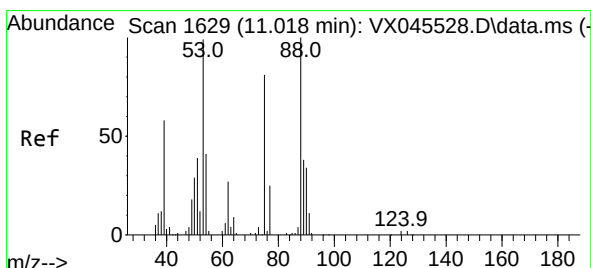
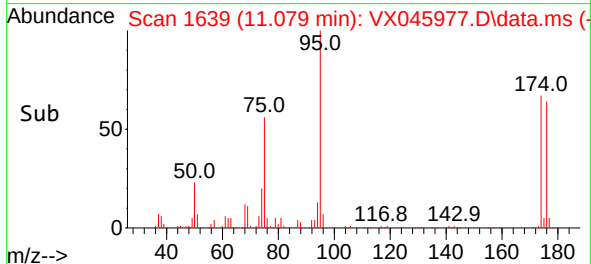
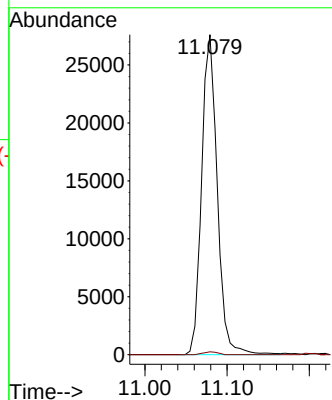
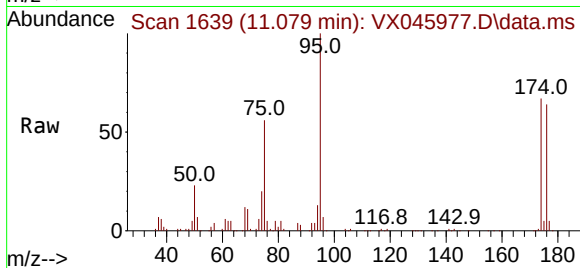
IBLK

Tgt Ion: 75 Resp: 36469

Ion Ratio Lower Upper

75 100

77 0.8 20.0 59.9#



#81

trans-1,4-Dichloro-2-butene

Concen: 96.182 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX045977.D

Acq: 29 Apr 2025 13:12

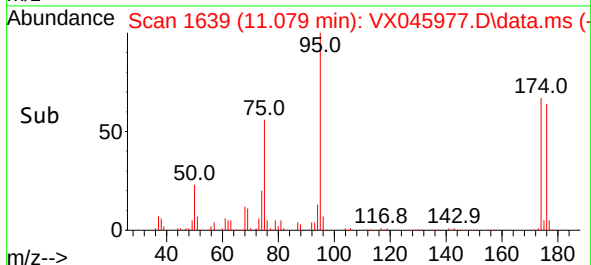
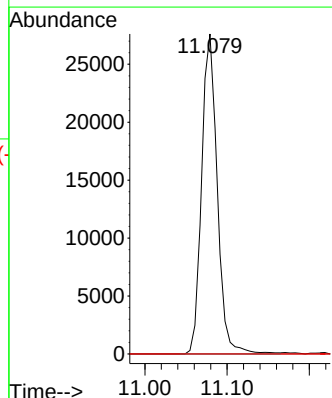
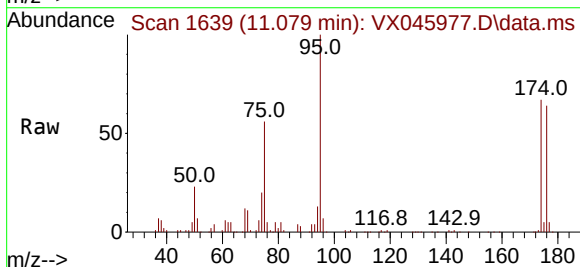
Tgt Ion: 75 Resp: 36469

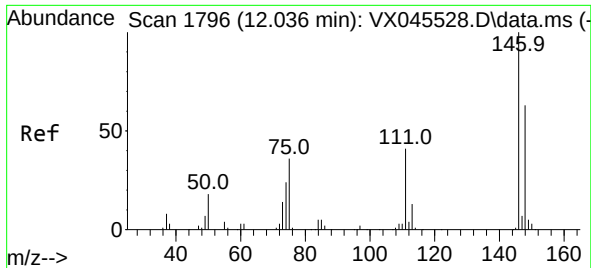
Ion Ratio Lower Upper

75 100

53 0.0 101.8 152.6#

89 0.0 37.2 55.8#

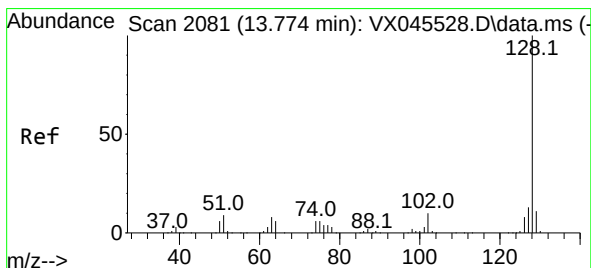
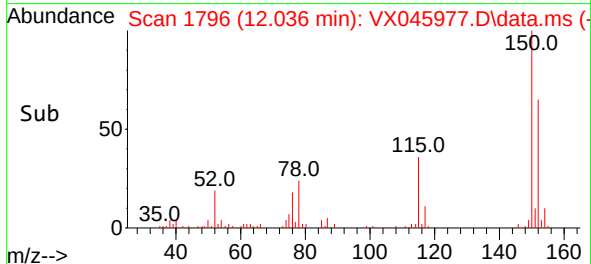
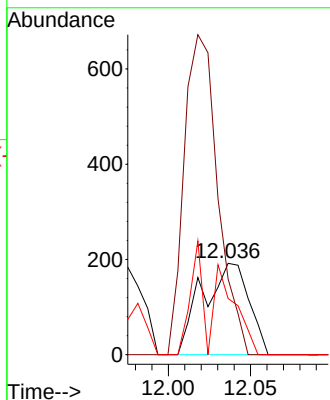
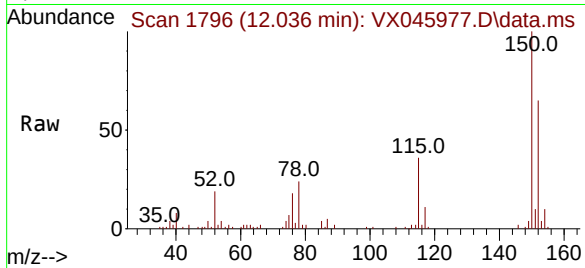




#88
 1,4-Dichlorobenzene
 Concen: 0.210 ug/l
 RT: 12.036 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX045977.D
 Acq: 29 Apr 2025 13:12

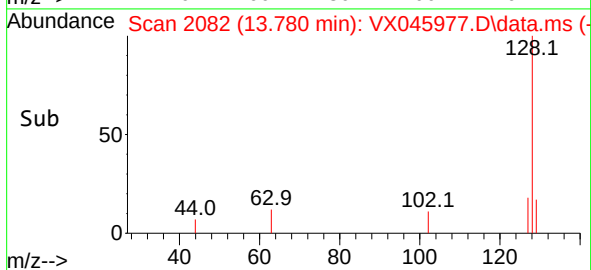
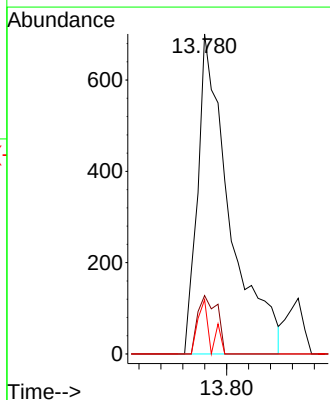
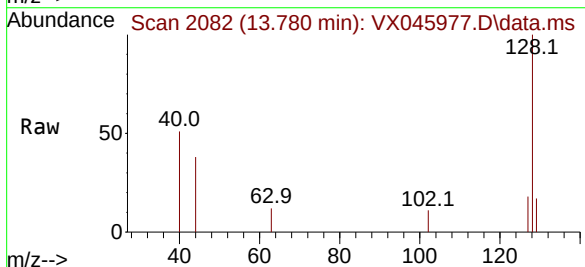
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

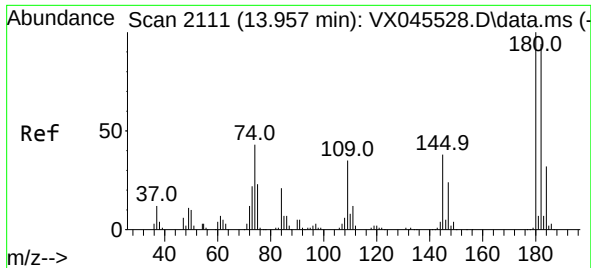
Tgt Ion:146 Resp: 379
 Ion Ratio Lower Upper
 146 100
 111 0.0 20.9 62.8#
 148 44.6 31.5 94.5



#95
 Naphthalene
 Concen: 0.388 ug/l
 RT: 13.780 min Scan# 2082
 Delta R.T. 0.006 min
 Lab File: VX045977.D
 Acq: 29 Apr 2025 13:12

Tgt Ion:128 Resp: 1421
 Ion Ratio Lower Upper
 128 100
 127 11.0 10.3 15.5
 129 6.8 8.6 12.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.276 ug/l
 RT: 13.969 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VX045977.D
 Acq: 29 Apr 2025 13:12

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Tgt Ion:180 Resp: 284
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.3 141.8
 145 18.3 18.2 54.6

